

part of #4

English translation of the Abstract of
the Japanese Utility Model Registration Publication No. 2584278

This invention is a turret punch press comprising a rotatably borne turret supporting a large number of tools and a work positioning device for moving a work forward, backward, rightward, and leftward relative to a machining position for positioning, wherein the turret has a tool installed area disposed in place in and from which tool sets ^{*} or upper or lower tool can be individually installed and removed, a tool set housing section is provided apart from the turret so that a large number of tool sets can be housed therein, an individual-tool housing section in which only the large number of upper or lower tools can be individually housed is provided together with the tool set housing section, a tool set replacing device that can install the tool sets in the tool installed area of the turret and remove the tool sets therefrom for replacement in a position corresponding to the turret and that can install the tool sets in the tool set housing section and remove the tool sets therefrom for replacement in a position corresponding to the tool set housing section is provided so as to reciprocate between the position corresponding to the turret and the position corresponding to the tool set housing section, and an individual-tool replacing device that can individually install the upper or lower tools in the tool installed area of the turret and remove the tools therefrom for replacement in a position corresponding to the turret and that can install the upper or lower tools in the individual-tool housing section and remove the molds therefrom for replacement in a position corresponding to the individual-tool housing section is provided so as to reciprocate between the position corresponding to the turret and the position corresponding to the individual-tool housing section.

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